

ABSTRACT

A method of servicing a request for a document over a computer network includes independently caching portions of pages called blocks. Each block includes a reference to a data source and code that is adapted to access the data source and to format the data accessed from the data source. When a request for a page is received over a computer network, one or more of the plurality of blocks defined in the script of the requested document may be retrieved from a cache memory. Any block that is not found in the cache memory is dynamically generated and a copy thereof is stored in the cache memory. The requested page may then be assembled from the page blocks retrieved from the cache memory and/or the dynamically generated page blocks.